

U.S DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE
SOUTH DAKOTA

**OPERATION AND MAINTENANCE PLAN
IRRIGATION WATER CONVEYANCE
NON-REINFORCED CONCRETE DITCH AND CANAL LINING
CODE 428-A**

Landowner/Operator _____

Job Location _____ GPS

Prepared By _____ Date

OPERATION AND MAINTENANCE ITEMS

Operation and maintenance (O&M) is necessary for all conservation practices and is required for all practices installed with NRCS assistance. The landuser is responsible for proper O&M throughout the life of the practice and as may be required by Federal, state or local laws or regulations.

Operation refers to operation of the practice in compliance with all laws, regulations, ordinances, and easements; and in such a manner that will result in the least adverse impact on the environment and will permit the practice to serve the purpose for which it was installed. Maintenance includes work to prevent deterioration of the practice, repairing damage, or replacing components which fail.

Necessary operation and maintenance items for this practice include:

- ☐ Maintain adequate drainage of foundations.
- ☐ Maintain widths of soil berms or banks. Avoid use of tillage equipment that accelerates soil removal.
- ☐ Drain all lined ditches and canals when not being used. Repair any cracks or breaks in the lining, and if settlement is present, investigate cause before repair.
- ☐ If livestock are present, prevent their access to linings and provide other drinking water facilities.
- ☐ Remove any blockages (sediments, debris, foreign material etc.) that restrict flow capacity.
- ☐ Repair any rodent, burrowing animal, vandalism, vehicle, or livestock damage.

Other _____

